

LU 6084(US)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of )

**Shahram Mihan et al.** )

Serial No.: **10/538,540** )

Filed: **June 10, 2005** )

For: **COLYMERS OF ETHYLENE WITH** )  
**ALPHA-OLEFINS** )

Mail Stop RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

July 19, 2007

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

This Information Disclosure Statement is being filed together with a Request for Continued Examination under 37 C.F.R. § 1.114.

Independent consideration and acknowledgement of these references is respectfully requested.

No payment is believed to be due; however, the Commissioner is hereby authorized to charge USPTO deposit account 08-2336 any payment due and to credit any overpayment thereto.

Respectfully submitted,

**SHAHRAM MIHAN ET AL.**

July 19 2007  
(Date)

By:

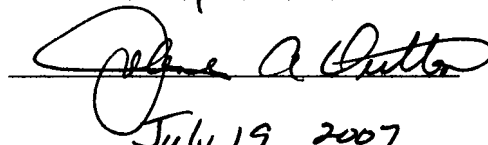
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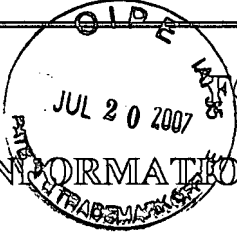
Enclosures

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July 19 2007  
Date of Signature

 <b>FORM PTO-1449</b> <b>INFORMATION DISCLOSURE CITATION</b>					Atty Docket LU 6084 (US)		Serial No. 10/538,540	
					Applicant Shahram Miham et al.			
					Filing Date June 10, 2005		Group Art Unit 1713	
<b>U.S. PATENT DOCUMENTS</b>								
Examiner Initial		Document Number	Issue Date	Name	Class	Sub-Class	Filing Date	
	AA	6,420,507	07/16/02	Kale et al.				
	AB	6,723,675	04/20/04	Wang				
<b>FOREIGN PATENT DOCUMENTS</b>								
		Document Number	Date	Country	Class	Sub-Class	Trans-lation	
	AC	899,278	03/03/99	EP				
	AD	608,369	08/03/94	EP				
<b>OTHER (Including Author, Title, Date, Pertinent Pages, etc.)</b>								
	AE	G. Kraus et al., "A Method for Characterization of Long-Chain Branched Polymers by GPC and Intrinsic Viscosity," <u>J. Polymer Sci.: Symposium No. 43</u> , p. 329-343 (1973)						
	AF	M. Pollard et al., "Observation of Chain Branching in Polyethylene in the Solid State and Melt via <sup>13</sup> C NMR Spectroscopy and Melt NMR Relaxation Time Measurements," <u>Macromolecules</u> , Vol. 37(3), p. 813,825 (2004)						
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<b>Examine</b>					<b>Date Considered</b>			
<b>EXAMINER:</b> Initial if reference considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.								

FORM PTO-1449

## INFORMATION DISCLOSURE CITATION

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	BG	J. Stange et al., "Rheological behavior of blends from a linear and a long-chain branched polypropylene," <u>J. Rheol.</u> , Vol. 49(5), p. 1059-1079 (2005)
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	BM	D. Lohse et al., "Well-Defined, Model Long Chain Branched Polyethylene. 2. Melt Rheological Behavior," <u>Macromolecules</u> , Vol. 35(8), p. 3066-3075 (2002)
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		Filing Date <b>June 10, 2005</b>	Group Art Unit <b>1713</b>
<b>OTHER (Including Author, Title, Date, Pertinent Pages, etc.)</b>			
	CA		H. Park et al., "Influence of long-chain branching on time-pressure and time-temperature shift factors for polystyrene and polyethylene," <u>Rheol Acta</u> , Vol. 46, p. 153-159 (2006)
	CB		C. Gabriel et al., "Influence of molecular structure on rheological properties of polyethylenes," <u>Rheol Acta</u> , Vol. 37, p. 7-20 (1998)
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	CF		G. Georgiou, "Stick-Slip Instability," <u>Polymer Processing Instabilities</u> edited by S. Hatzikiriakos & S. Migler, Dekker, NY, p. 161-206 (2005)
	CG		S. Wang et al., "Exploring molecular origins of sharkskin, partial slip, and slope change in flow curves of linear low density polyethylene," <u>J. Rheol.</u> , Vol. 40(5), p. 875-898 (1996)
	CH		S. Wang et al., Stick-slip transition in capillary flow of linear polyethylene: 3. Surface conditions," <u>Rheol Acta</u> , Vol. 36, p. 128-134 (1997)
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